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## **Korea - Republic of**

### **Grain and Feed Update**

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**Report Highlights:**

MY 2013/14 wheat consumption is forecast at 4.5 million tons, down from the 5.2 million tons of the prior year MY due to more competitive feed corn prices. MY 2012/13 corn consumption is revised upward to 8.4 million tons due to strong demand from the feed industry as a greater percentage of corn is used in total compound feed production at 34.4 percent, up 3 percent from the prior year. MY 2012/13 corn imports are revised down 0.3 million tons to 8.2 million tons as new contracts were rolled over into the new MY. 2013 rice production is estimated at 4.24 million MT with total harvested acreage at 832,625 HA, a 1.9 percent decrease from the previous year. However, rice yield is estimated at 5,100kg per HA, up 8 percent from the prior year.

**Post:**

Seoul

**Commodities:**

Wheat

Corn

Rice, Milled

**Author Defined:**

WHEAT

**Production:**

According to a Korean government acreage survey conducted from May 16-30, 2013, cultivated wheat area in 2013 declined to 7,373 hectares, down 22 percent or 2,094 hectares from the previous year due to winterkill. 2013 wheat production is estimated at around 30,000 MT based on five year average yield. The Korean government intends to release the 2013 official production figures in May 2014.

The Korean government revised the Presidential Decree of Food Grain Management Act, effective September 23, 2013, that will allow the government to purchase wheat and soybeans under the Public Food Grain Stockholding Program for food security. The Korean government is expected to purchase around 10,000 metric tons of domestic wheat from the 2014 wheat crop. The revision is possible to encourage wheat farmers to increase planting intention this fall.

<b>Korea: Wheat Production</b>			
<b>Crop Year</b>	<b>Harvested Area(Hectare)</b>	<b>Yield(MT/HA)</b>	<b>Production(MT)</b>
2006	1,738	3.34	5,810
2007	1,928	3.81	7,624
2008	2,549	4.06	10,359
2009	5,067	5.15	26,087
2010	12,548	3.12	39,116
2011	13,044	3.35	43,677
2012	9,467	3.91	37,014
2013	7,373	3.91 <sup>a/</sup>	30,000 <sup>a/</sup>

Source: Ministry for Agriculture, Food, and Rural Affairs (MAFRA), Statistics Korea (KOSTAT)

a/ FAS/Seoul forecast; yield is based on five year average.

**Consumption:**

MY 2012/13 wheat consumption is revised down to 5.2 million tons from the previous USDA official estimate, a decrease of 427,000 MT due to lower feed grade wheat consumption.

MY 2013/14 wheat consumption is forecast at 4.5 million tons, lower than the previous year due to less competitive bid prices than feed corn in the Korean market.

Post revised the wheat PSD reflecting previously omitted milling wheat consumption of a non-KOFMIA member who didn't report their use of milling wheat to KOFMIA since MY 2011/12.

<b>Korea: Post Estimates of Domestic Wheat Use</b> (1,000 MT, July/June)				
Year	2010/11	2011/12	2012/13	2013/14 <sup>c/</sup>
Imported Milling Wheat <sup>1/</sup>	2,312	2,153	2,193	2,255
Imported Milling Wheat <sup>2/</sup>	na	130	167	180
Flour Imports <sup>a/</sup>	63	42	39	40
Flour Exports <sup>a/</sup>	64	60	62	65
Pasta Imports <sup>a/</sup>	123	122	135	140
Pasta Exports <sup>a/</sup>	111	120	130	135
Local Wheat	39	44	37	29
<b>FSI Consumption <sup>b/</sup></b>	<b>2,362</b>	<b>2,311</b>	<b>2,379</b>	<b>2,444</b>
Feed Wheat	1,965	2,870	2,817	2,100
<b>Total Consumption <sup>b/</sup></b>	<b>4,327</b>	<b>5,181</b>	<b>5,196</b>	<b>4,544</b>

Source: Korea Feed Association (KFA), Korea Flour Millers Industry Association (KOFMIA) and Korea Customs Service (KCS)

a/ Wheat basis

b/ include local wheat, flour imports and pasta imports but exclude flour exports and pasta exports

c/ FAS/Seoul forecast

1/ KOFMIA members

2/ non- KOFMIA member

<b>Korea: Monthly Wheat Use</b> (1,000 MT)				
Month	Feed Wheat		Milling Wheat a/	
	MY 2012/13	MY 2013/14	MY 2012/13	MY 2013/14
July	260	233	178	Na
August	261	215	190	Na
September	268	222	187	Na
<b>Sub Total</b>	<b>789</b>	<b>670</b>	<b>555</b>	<b>Na</b>
October	277	Na	198	Na
November	268	Na	200	Na
December	244	Na	200	Na
January	199	Na	176	Na
February	176	Na	176	Na
March	199	Na	176	Na
April	215	Na	154	Na
May	228	Na	154	Na
June	222	Na	154	Na
<b>Total</b>	<b>2,817</b>	<b>Na</b>	<b>2,139</b>	<b>Na</b>

Source: KFA and KOFMIA

a/ includes wheat flour exports, but excludes the portion used in soy-sauce production

### Wheat Trade:

As of early October 2013, Korean feed millers completed feed grade wheat contracts delivering for the first five months of MY 2013/2014 (Jul/Jun), reaching more than one million MT. Most of the contracted purchases to date were for worldwide origin including India and South America at seller's option with delivery from July through September 2013. Meanwhile, deliveries from October 2013 through the end of the year consisting of Eastern European origins including the Black Sea region, dominate the Korean market.

<b>Korea: MY 2013/14 Feed Wheat Contracts</b> <b>by</b> <b>Estimated Time of Arrival (ETA)</b> (Unit: 1,000 MT, as of Oct. 2013)		
ETA	Quantity	Price (US\$/MT) <sup>1/</sup>
Jul. 2013	110	303
Aug.	285	291
Sep.	234	282
Oct.	165	272
Nov	235	264
Dec	55	284
Total	1,084	

Source: Local Grain Traders

1/ CNF on Weighted Average

<b>Korea: Wheat Imports</b> (1,000 MT, Customs Cleared Basis)					
Marketing Year (July/June)	Feed Wheat	Milling Wheat	Flour Imports <sup>1/</sup>	Pasta Import <sup>1/</sup>	Total
05/06	1,536	2,220	41	101	3,898
06/07	976	2,298	69	108	3,451
07/08	565	2,317	105	117	3,104
08/09	1,151	2,058	69	105	3,383
09/10	2,164	2,071	127	119	4,481
10/11	2,075	2,520	63	123	4,781
11/12	2,868	2,169	42	122	5,201
12/13	2,820	2,461	39	135	5,455
13/14 <sup>2/</sup>	2,100	2,200	40	140	4,440

Source: Korea Customs Service

1/ Wheat basis

2/ FAS/Seoul forecast

<b>Korea: MY 20012/13 Monthly Wheat Imports by Origin</b> (1,000 MT, based on Customs Clearance)						
Country	U. S.	Australia	Canada	India	Other	Total
<b>Milling Wheat</b>						
2013 July	56	21	0	0	0	77
August	165	88	6	0	0	259
September	70	17	4	0	0	91
<b>Total(Jul-Sep) 2013</b>	291	126	10	0	0	427
Total(Jul-Sep) 2012	296	219	42	0	0	558
<b>Feed Wheat</b>						
2013 July	0	0	44	158	46 <sup>a/</sup>	249
August	0	0	12	37	114 <sup>b/</sup>	163
September	0	0	0	1	197 <sup>c/</sup>	198
<b>Total(Jul-Sep) 2013</b>	0	0	56	196	357	610
Total(Jul-Sep) 2012	139	648	20	18	0	824
<b>Total Wheat</b>						
2013 July	56	21	44	158	46	326
August	165	88	18	37	114	422
September	70	17	4	1	197	289

<b>Total(Jul-Sep) 2013</b>	291	126	66	196	358	1,037
Total(Jul-Sep) 2012	435	867	62	18	0	1,382

Source: Korea Customs Service

a/ Turkey (46,107 MT)

b/ Turkey (2,974 MT); Romania (110,762 MT)

c/ Bulgaria (10,700 MT); Romania (186,801 MT)

## Production, Supply and Demand Data Statistics:

Wheat PS&D

Wheat Republic of Korea,	2011/2012		2012/2013		2013/2014		
	Market Year Begin: Jul 2011		Market Year Begin: Jul 2012		Market Year Begin: May 2013		
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post	
Area Harvested	13	13	9	9	10	7	(1000 HA)
Beginning Stocks	1,471	1,471	1,521	1,355	1,225	1,459	(1000 MT)
Production	44	44	32	37	38	30	(1000 MT)
MY Imports	5,188	5,201	5,439	5,455	4,300	4,500	(1000 MT)
TY Imports	5,188	5,201	5,439	5,455	4,300	4,500	(1000 MT)
TY Imp. from U.S.	2,134	2,047	1,312	1,407	0	1,300	(1000 MT)
Total Supply	6,703	6,716	6,992	6,847	5,563	5,989	(1000 MT)
MY Exports	131	180	144	192	125	200	(1000 MT)
TY Exports	131	180	144	192	125	200	(1000 MT)
Feed and Residual	2,870	2,870	3,300	2,817	1,900	2,100	(1000 MT)
FSI Consumption	2,181	2,311	2,323	2,379	2,260	2,444	(1000 MT)
Total Consumption	5,051	5,181	5,623	5,196	4,160	4,544	(1000 MT)
Ending Stocks	1,521	1,355	1,225	1,459	1,278	1,245	(1000 MT)
Total Distribution	6,703	6,716	6,992	6,847	5,563	5,989	(1000 MT)
Yield	3.	3.3846	4.	4.1111	4.	4.2857	(MT/HA)
TS=TD		0		0		0	

## CORN

### Production:

Post corn production estimate remains unchanged from the previous report based on the preceding five-year average yield.

The government intends to release the 2013 official production figures in May 2014.

<b>Korea: Corn Production</b>			
Crop Year	Area (HA)	Yield (MT/HA)	Production (MT)
2006	13,661	4.73	64,623
2007	16,981	4.82	83,513
2008	18,366	5.05	92,830
2009	15,326	5.02	76,975
2010	15,528	4.79	74,339
2011	15,823	4.65	73,612
2012	17,001	4.89	83,210
2013 <sup>a/</sup>	17,000	4.89	83,000

Source: Ministry for Agriculture, Food, and Rural Affairs (MAFRA), Statistics Korea (KOSTAT)

a/ FAS/Seoul projection based on five-year average yield

**Consumption:**

MY 2013/14 corn consumption is forecast to remain at approximately 9.1 million tons, up more than 0.6 million tons from the previous year due to lower consumption of feed grade wheat that will be offset by more corn consumption for feed sectors.

MY 2012/13 corn consumption estimate is revised to 8.4 million tons, up more than 0.6 million tons from the previous year due to strong demands from feed industries. On the basis of the first eleven months in MY 2012/13, compound feed production is expected to reach 18.7 million tons, up 4.2 percent from the previous year due to strong animal inventories in the swine and cattle sectors. However, FSI corn consumption declined from the previous year due mainly to slow demand for processed corn products that were replaced by competitive sugar based products amid a slow economy.

For the first eleven months of MY 2012/13, swine compound feed production increased by 15.9 percent over the same period of the previous marketing year followed by cattle which increased by 4.5 percent, while compound feed production for poultry declined slightly.

The corn inclusion rate in total compound feed production grew to 34.4 percent in MY 2012/13, up 3 percent from the previous year due to a reduction in feed wheat use.

Major corn processors have continued using traditional corn imported from Serbia, Ukraine, Hungary, France and Brazil and non GM corn imported from the United States for food. Many food processing companies are reluctant to use ingredients sourced from biotech corn.

<b>Korea: Total Corn Utilization</b> (Oct./Sept., 1,000 MT)				
Marketing Year	Feed	Processing a/	Food b/	Total
2008/09	6,368	1,418	108	7,894
2009/10	6,362	1,928	92	8,382
2010/11	6,074	2,051	89	8,214
2011/12	5,690	2,036	89	7,815
2012/13	6,450	1,836	98	8,384
2013/14 <sup>c/</sup>	7,000	2,000	100	9,100

Source: Korea Feed Association (KFA), Korea Corn Processing Industry Association (KOCPIA)

a/ Used for wet and dry milling process based on imported corn.

b/ For on-farm human consumption (on-the-cob) or snack food consumed on-the-cob, as puffed kernels or as corn tea. Imported white corn for popping has been included since MY 2004.

c/ FAS Seoul forecast

<b>Korea: Monthly Corn Use</b> (1,000 MT)				
Month	Feed Corn		Processing Corn	
	MY 2011/12	MY 2012/13	MY 2011/12	MY 2012/13
October	464	509	171	168
November	461	512	164	162
December	490	559	161	154
January	465	580	156	152
February	448	513	154	137
March	478	533	172	134
April	470	572	168	152

May	493	574	181	155
June	489	522	177	148
July	488	546	188	167
August	472	514	177	158
September	471	516	167	150
<b>Total</b>	<b>5,690</b>	<b>6,450</b>	<b>2,036</b>	<b>1,836</b>

Source: Korea Feed Association (KFA), Korea Corn Processing Industry Association (KOCPIA)

Korea: Feed Ingredient Use for Compound Feed Production (October/September, 1,000 MT)				
Items	MY 2010/11	MY 2011/12	MY 2012/13 <sup>a/</sup>	MY 2013/14 <sup>a/</sup>
Sub. Total Grains and Grain Substitutes	10,935	11,569	12,115	12,000
- Wheat	2,100	3,065	2,699	2,200
- Corn	6,073	5,690	6,450	7,000
- Other Grains and Grain Substitute <sup>b/</sup>	2,762	2,814	2,966	2,800
Others <sup>c/</sup>	6,052	6,431	6,660	6,300
<b>Grand Total</b>	<b>16,987</b>	<b>18,000</b>	<b>18,775</b>	<b>18,300</b>

Source: Korea Feed Association (KFA)

a/ FAS Seoul forecast

b/ includes Tapioca, bran and gluten feed.

c/ includes vegetable protein meal, animal protein, minerals/additives, tallow, DDGS and molasses.

Korea: Compound Feed Production by Species (October/September, 1,000 MT)				
Species	MY 2010/11	MY 2011/12 <sup>a/</sup>	MY 2012/13 <sup>b/</sup>	MY 2013/14 <sup>c/</sup>
Poultry	4,744	4,821	4,700	4,800
Swine	4,738	5,322	6,050	5,800
Cattle	6,116	6,321	6,500	6,300
Others <sup>d/</sup>	1,367	1,477	1,450	1,400
<b>Total</b>	<b>16,965</b>	<b>17,940</b>	<b>18,700</b>	<b>18,300</b>

Source: Ministry for Agriculture, Food, and Rural Affairs (MAFRA)

a/ Preliminary

b/ FAS/Seoul forecast based on the first eleven months data

c/ FAS/Seoul forecast

d/ include ducks, pet food, rabbit, horse, sheep, deer, quail etc.

Korea: Compound Feed Production Comparison by Species for the first eleven months (October/September, 1,000 MT)			
Species	MY 2011/12	MY 2012/13	Change
Poultry	4,454	4,359	-2.1
Swine	4,822	5,591	+15.9
Cattle	5,778	6,037	+4.5
Others	1,357	1,367	+0.7
<b>Total</b>	<b>16,412</b>	<b>17,353</b>	<b>+5.7</b>

Source: Ministry for Agriculture, Food, and Rural Affairs (MAFRA)

## Trade:

Post estimates that MY 2013/14 total corn imports will remain at 9 million tons due to greater demand from the swine and cattle sectors with limited feed grade wheat supply as feed corn prices become more attractive than feed wheat on arrival basis. Processing corn imports remain unchanged at 2 million tons.

In MY 2013/14, U.S. corn exports to Korea are forecast to stay around 2 million tons, down 1 million tons from post's previous forecast due to an expected limited supply caused by low price competitiveness in Korea. As of early October 2013, Korean buyers completed corn contracts delivering for the first five months of the current marketing year, of about four million tons. Most of the contracted purchases to date were for worldwide origins including South America, Eastern Europe and the United States at seller's option. Grain traders predict that most of the contracts will be shipped from South America or Eastern Europe for the time being in view of global corn price comparisons.

In MY 2012/13, total corn imports finalized at less than 8.2 million tons, down 0.3 million tons from the previous USDA official estimate as Korean buyers rolled new contracts over to the new marketing year under the bearish trend of a global corn market.

Korea: Corn Imports (1,000MT, Customs Cleared Basis)							
Marketing Year	From World			From the U. S.			U. S. Share
	Feed	Processing	Total	Feed	Processing	Total	%
07/08	7,680	1,629	9,309	7,259	1,077	8,336	90
08/09	5,781	1,431	7,212	4,883	921	5,804	80
09/10	6,457	2,003	8,460	6,097	1,407	7,504	89
10/11	6,060	2,047	8,107	5,183	1,133	6,316	78
11/12	5,600	2,035	7,635	3,450	307	3,757	49
12/13	6,230	1,944	8,174	341	115	456	6
13/14 <sup>a/</sup>	7,000	2,000	9,000	1,700	300	2,000	22

Source: Korea Customs Service

a/ FAS/Seoul forecast

Korea: Monthly Corn Import (1,000 MT)				
Month	Feed Corn		Processing Corn	
	MY 2011/12	MY 2012/13	MY 2011/12	MY 2012/13
October	344	460	163	103
November	497	470	126	235
December	354	706	155	242
January	586	689	214	149
February	503	492	112	111
March	376	489	180	185
April	550	528	198	119
May	476	533	185	175
June	452	407	154	285
July	559	674	145	85
August	386	287	165	127
September	516	495	237	127
<b>Total</b>	<b>5,600</b>	<b>6,230</b>	<b>2,035</b>	<b>1,944</b>

Source: Korea Customs Service

Korea: MY 2013/14 Corn Contracts by Estimated Time of Arrival (ETA) (Unit: 1,000 MT, as of October 2013)						
ETA	U.S.	Europe	SOAM	Others <sup>1/</sup>	Total	Price <sup>2/</sup>
Oct. 2013	0	0	55	468	523	273
Nov.	0	110	55	728	893	266

Dec.	0	0	129	664	793	245
Jan. 2014	0	0	134	719	853	238
Feb.	0	0	0	642	642	235
Mar.	0	0	0	243	243	237
Total	0	110	373	3,464	3,947	

Source: Local Grain Traders

1/ optional origins at seller's option out of USA, SOAM, Europe or South Africa

2/ US\$/MT, CNF on Weighted Average

## Production, Supply and Demand Data Statistics:

Corn PS&D

Corn of	Korea, Republic		2011/2012		2012/2013		2013/2014	
	Market Year Begin: Oct 2011		Market Year Begin: Oct 2012		Market Year Begin: Oct 2012		Market Year Begin: Oct 2012	
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	16	16	17	17	17	17	(1000 HA)	
Beginning Stocks	1,589	1,589	1,484	1,483	1,268	1,356	(1000 MT)	
Production	74	74	84	83	83	83	(1000 MT)	
MY Imports	7,636	7,635	8,500	8,174	9,400	9,000	(1000 MT)	
TY Imports	7,636	7,635	8,500	8,174	9,400	9,000	(1000 MT)	
TY Imp. from U.S.	3,190	3,757	0	456	0	2,000	(1000 MT)	
Total Supply	9,299	9,298	10,068	9,740	10,751	10,439	(1000 MT)	
MY Exports	0	0	0	0	0	0	(1000 MT)	
TY Exports	0	0	0	0	0	0	(1000 MT)	
Feed and Residual	5,690	5,690	6,700	6,450	7,200	7,000	(1000 MT)	
FSI Consumption	2,125	2,125	2,100	1,934	2,100	2,100	(1000 MT)	
Total Consumption	7,815	7,815	8,800	8,384	9,300	9,100	(1000 MT)	
Ending Stocks	1,484	1,483	1,268	1,356	1,451	1,339	(1000 MT)	
Total Distribution	9,299	9,298	10,068	9,740	10,751	10,439	(1000 MT)	
Yield	5.	4.625	5.	4.8824	5.	4.8824	(MT/HA)	
TS=TD		0		0		0		

## Corn Import Trade Matrix

## Import Trade Matrix

Country

Korea, Republic of

Commodity

Corn

Time Period

Oct/Sept

Units:

1,000MT

Imports for:

U.S.

Others

	2011		2012
U.S.	3757	U.S.	456
Others		Others	
Argentina	904	Brazil	3973
Ukraine	895	Argentina	2592
Serbia	594	France	374
Brazil	586	Hungary	202
Hungary	305	Serbia	220
Romania	170	Ukraine	114
South Africa	157	South Africa	95
India	101	Australia	74
Australia	65		

Total for Others

Others not Listed

Grand Total

3777

101

7635

7644

74

8174

### Korea: Animal Inventory

(1,000 Head, 1,000 Birds, as of Oct. 2013)

Animal	Year	March	June	September	December
Beef Cattle	2009	2,481	2,599	2,645	2,635
	2010	2,706	2,889	2,949	2,915
	2011	2,881	3,053	3,044	2,950
	2012	2,940	3,109	3,143	3,059
	2013	2,966	3,064	3,043	2,850d/
Dairy Cattle	2009	448	439	438	445
	2010	449	432	429	430
	2011	396	403	404	404
	2012	404	410	417	420
	2013	420	419	422	420d/
Swine a/	2009	9,177	9,044	9,381	9,585
	2010	9,768	9,728	9,901	9,881
	2011	7,036	7,330	7,783	8,171
	2012	8,852	9,432	9,937	9,916
	2013	10,107	10,181	10,188	9,650d/
Layer b/	2009	60,240	61,140	61,998	62,967
	2010	62,524	61,586	60,095	61,700
	2011	61,025	60,723	61,212	62,425
	2012	63,200	61,953	61,326	61,344
	2013	62,340	60,610	62,674	na
Broiler c/	2009	68,690	99,983	68,123	67,194
	2010	72,692	101,690	71,271	77,871
	2011	69,932	110,122	71,038	76,435
	2012	69,387	97,750	68,540	76,130

	2012	71,130	94,660	64,505	na
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Source: Korea Statistics (KOSTAT) and Korea Rural Economic Institute (KREI)

a/ includes 864,000 heads of statistical difference between FAS/Seoul and Korean government until CY 2010.

b/ Excluding breeders.

c/ Excluding multi-use broilers.

d/ KREI forecast

## RICE

### PRODUCTION

Statistics Korea (KOSTAT) released the 2013 rice production estimate of 4.24 million metric tons (MMT) based on a nationwide survey of 7,000 rice fields conducted from September 15 to 24, 2013.

The survey results show total harvested acreage at 832,625 HA, which is a 1.9 percent decline from the previous year. However, despite unfavorable weather in the beginning growth stage from June through early August, favorable weather in September during the critical filling stage resulted in the highest production since 2011. Unless a natural disaster such as a typhoon damages Korean rice fields until harvest completion by the middle of November, the final estimate for rice production is expected to increase. KOSTAT is expected to release its final production estimate shortly after the rice harvest is completed in mid-November.

#### Area

Rice area continues to decrease annually – from 5,000 HA to 38,000 HA every year since 2001. Area decrease in 2013 was relatively high compared to last year in response to a greater demand from housing and building complexes and conversion of rice paddy land to upland for profitable cash crops.

Korea: 2013 Rice Production Estimate		
	2012 Rice Production	2013 Rice Production Estimate
Area (1,000 HA)	849	833
Yield (Kg/10a)	472	510
Production (1,000MT)	4,006	4,240

Source: Korea Rural Economic Institute (KREI)

Korea: Rice Area and Production Estimate per Province (September 15 Crop Survey Basis)						
	Area (Hectare)			Production (Metric ton)		
Crop Year	2012	2013	Change (%)	2012	2013	Change (%)
National Total	849,172	832,625	-1.9	4,006,185	4,204,438	5.8
Kyonggi	90,824	88,949	-2.1	420,844	408,976	-2.8
Kangwon	34,806	33,968	-2.4	163,739	162,945	-0.5
Chungbuk	43,254	42,893	-0.8	212,748	217,437	2.2
Chungnam	153,091	151,814	-0.8	783,501	811,356	3.6
Chonbuk	130,351	126,799	-2.7	622,181	687,912	10.6
Chonnam	173,283	170,690	-1.5	700,405	834,638	19.2
Kyounbuk	111,505	108,501	-2.7	563,960	580,407	2.9
Kyongnam	80,002	77,732	-2.8	385,615	388,540	0.8
Cheju	522	302	-45.3	1,017	819	-19.4
Cities <sup>1/</sup>	31,534	30,977	-1.8	152,176	147,411	-3.1

Source: Statistics Korea (KOSTAT)

1/ paddy land located in seven big cities such as Seoul, Pusan etc.

## Yield

Even though Korea experienced severe unfavorable weather spells in tillering and booting stages in tandem with frequent rains and insufficient daylight from early June through early August, favorable weather development in September caused rice yields to recover well. As a result, rice yield based on government surveys is 5,100 kg per HA, up 8 percent from the previous year.

<b>Korea: Rice Area, Yield and Production</b>			
Crop Year	Area (1,00HA)	Yield (KG/10A)	Production (Milled, 1,000 MT)
2002 a/	1,053	471	4,927
2003 b/	1,016	441	4,451
2004	1,001	504	5,000
2005	980	490	4,768
2006	955	489	4,680
2007	950	464	4,408
2008	936	518	4,843
2009	925	532	4,916
2010	892	482	4,295
2011	854	495	4,224
2012	849	472	4,006
2013(p)	833	510 <sup>c/</sup>	4,240

Source: Ministry of Agriculture, Food and Rural Affairs (MAFRA)

a/ Heavy rains during the summer and the effects of typhoon Rusa (Aug 31 – Sep 1)

b/ Cool and rainy days during the growing season and the effects of typhoon Maemi (Sep 9 - 12).

c/ based on initial crop survey conducted from September 15-24, 2013

## Government Rice Purchase Program under the Public Food Grain Stockholding Program (PFSP)

The government also purchases rice for price stabilization purposes. Under the Public Food Grain Stockholding Program for food security, the Korean government will purchase domestic paddy rice during the harvest season (October-December) at the average market price and sell it during non-harvest periods at the prevailing domestic market price. Between October and December 2013, the Korean government plans to purchase 370,000 MT (milled basis) of paddy rice representing around 9 percent of the 2013 rice crop estimate. Additionally, the government plans to purchase more rice ranging from 30,000 to 50,000 tons for APTERR (ASEAN Plus Three Emergency Rice Reserve), which was established to provide member countries with rice in the event of natural disasters. The total amount of rice stored in reserve agreed to by the 13 member countries is 787,000 metric tons, including 150,000 metric tons promised by Korea.

<b>Korea: Government Rice Purchases</b> under <b>Public Food Grain Stockholding Program (PFSP)</b>			
Crop Year	Production(1,000 MT)	Purchase(1,000 MT)	%
2005	4,768	719	15.1
2006	4,680	504	10.8
2007	4,408	417	9.5
2008	4,843	400	8.3
2009	4,916	370	7.5
2010	4,295	340	7.9
2011	4,224	261	6.2
2012	4,006	363	9.1
2013 <sup>a/</sup>	4,240	370	8.7

Source: Ministry of Agriculture, Food and Rural Affairs (MAFRA)

a/ plan

## Government and NACF's Loan Programs

The Korean government intends to provide loans for rice milling worth 1.2 trillion Korean Won (US\$1.1 billion) with a special loan rate between 0 and 2 percent per annum this year. The National Agricultural Cooperative Federation (NACF), the national farmers group, also continues to provide loans to rice farmers/millers worth 1.3 trillion Korean Won (US\$1.26 billion) with zero interest. The main goal of the loan program is to encourage rice millers to purchase more rice from farmers minimizing harvest pressures in the rice market.

Most of the rice purchases under the loan programs provided by the Korean government and the NACF will be released into the rice retail market through NACF's Rice Processing Complexes (RPCs) and independent RPCs throughout the 2013/14 (Nov/Oct) rice marketing year. Korean rice farmers expect the purchasing measures to help prop up prices during the rice harvest season.

Rice farmers are expected to sell approximately 2 million metric tons during the harvest season including 370,000 MT of government direct purchasing under the Public Food Grain Stockholding Program and 1.6 million metric tons of rice under loan programs that include independent RPC purchases.

<b>Korea: NACF Rice Purchases <sup>a/</sup></b>			
Crop Year	Production(1,000 MT)	Purchase(1,000 MT)	%
2005	4,768	1,071	22
2006	4,680	1,306	28
2007	4,408	1,227	28
2008	4,843	1,617	33
2009	4,916	1,950	40
2010	4,295	1,380	32
2011	4,224	1,327	31
2012	4,006	1,331	33
2013	4,240	1,300-1,500 <sup>b/</sup>	31-35

Source: Ministry of Agriculture, Food and Rural Affairs (MAFRA)

a/ exclude independent RPC purchases

b/ plan

## CONSUMPTION

Korea's rice consumption pattern remains unchanged from the previous report.

<b>Korea: Rice Utilization Pattern</b> (1,000 MT, milled)				
Rice Year (Nov.- Oct.)	MY 2010/11 <sup>a/</sup>	MY 2011/12 <sup>b/</sup>	MY 2012/13 <sup>c/</sup>	MY 2013/14 <sup>d/</sup>
Table Rice	3,612	3,556	3,505	3,460
Processing	644	572	500	500
(for food)	(400)	(418)	(450)	(470)
(for liquor)	(244)	(154)	(50)	(30)
Seed	37	37	37	37
Other and Loss	867	740	570	500
Total Demand	5,160	4,905	4,612	4,497
Per Capita Table Rice Consumption (Kg)	71.2	69.8	68.5	67.2

Source: Ministry of Agriculture, Food and Rural Affairs (MAFRA)

a/ Revised

b/ Preliminary

c/ Forecast

d/ FAS/Seoul forecast

## STOCKS

MY 2013/14 ending stocks (at the end of October 2014) are forecast to increase to 0.87 million tons or 19 percent of total forecast consumption as 2013 domestic rice production is estimated at 4.24 million tons , up 234,000 metric tons from the previous year.

<b>Korea: Status of Rice Stocks</b> (Milled rice, 1,000 MT, as of end October)						
Rice Year (Nov.-Oct.)	2008/09	2009/10	2010/11 <sup>a/</sup>	2011/12 <sup>b/</sup>	2012/13 <sup>c/</sup>	2013/14 <sup>c/</sup>
Total	990	1,513	1,034	730	722	873
Government Stock	805	821	984	730	722	873
-Domestic Rice	698	639	696	462	350	470
-Imported Rice	107	182	288	268	372	403
NACF <sup>d/</sup>	151	616	0	0	0	0
Civil Stock	34	76	50	0	0	0

Source: FAS/Seoul Estimate based on MAFRA data – starting 2007/08 there has been difference between Post & FAS estimates

a/ MAFRA Preliminary

b/ FAS/Seoul Preliminary

c/ FAS/Seoul forecast

d/ NACF purchase under the government loan program.

## TRADE

### 2013 MMA Tendering Process:

The Korean government began purchases of 388,353 MT under the 2013 MMA in late December 2012. As of October 18, 2013, Korea Agro-Fisheries & Food Trade Corporation (aT), the state trading arm of the Korean government, purchased 352,353 metric tons (milled), about 91 percent of the entire 2013 MMA import commitments with the remainder to undergo tendering. Korea purchased about 30 percent of the entire 2013 MMA commitment from the United States, consisting of 64,524 metric tons (milled) of global quota (GQ) and 50,076 metric tons (milled) of country specific quota (CSQ), respectively.

The United States was awarded 114,600 metric tons (milled) or US\$ 89 million, comprised of 67,417 metric tons of medium grain milled rice for table purpose and 52,425 metric tons of medium grain brown rice (or 47,183, milled) for processing purpose under both CSQ and GQ. As consumer confidence for U.S. table rice has been getting stronger, the Korean government has purchased U.S. milled rice for table purpose under the global quota (GQ) for the first time. Therefore, in addition to 42,291 metric tons of U.S. milled rice under US CSQ, the United States successfully sold 25,126 metric tons, including 5,126 metric tons of Australian CSQ that was converted to global quota after three failed bidding attempts. Please refer to the following tables for more details.

Post expects Korea to complete the 2013 MMA commitment by purchasing the pending 36,000 metric tons of long grain under global quota by the end of 2013. The Korean government also plans to purchase rice under the 2014 MMA commitment starting in December 2013.

<b>Korea: Rice Contracts by Country under 2013 MMA <sup>1/</sup></b> (Unit: MT, Milled Basis, as of October 18, 2013)					
Country	Global Quota		CSQ		Total (%)
	Processing	Table	Processing	Table	
USA	39,398	25,126 <sup>b/</sup>	7,785	42,291	<b>114,600 (29.5)</b>
China	35,280	0	70,217	45,942	<b>151,439 (39.0)</b>
Thailand	0	0	26,817	3,146 <sup>a/</sup>	<b>29,963 (7.7)</b>
Australia	19,447	0	3,904	0	<b>23,351 (6.0)</b>
Vietnam	3,000	0	0	0	<b>3,000 (0.8)</b>
India	30,000	0	0	0	<b>30,000 (7.7)</b>
<b>S.Total</b>	<b>127,125</b>	<b>25,126</b>	<b>108,723</b>	<b>91,379</b>	<b>352,353(90.7)</b>
Open Quota for Biddings	36,000		0		<b>36,000(9.3)</b>
<b>G. Total</b>	<b>188,251</b>		<b>200,102</b>		<b>388,353(100)</b>

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

1/ under ongoing process of buying tenders since late December 2012

a/ include 90 MT of aroma rice (Hom Mali variety)

b/ include 5,126 MT of Australian CSQ that were converted to global quota after getting through three times of unsuccessful trials in biddings

Korea: U.S. Rice Sales to Korea under 2013 MMA <sup>1/</sup> (ongoing process of buying tenders as of October 18, 2013)						
Contracts	Quota	Milled rice(MT) for Table	Brown rice(MT) for Processing	Arrival unit price	Amount	ETA
		USDA #1	USDA #3	(\$/MT)	(\$)	2013
1	CSQ	7,000		736.00	5,152,000	March-May
2	CSQ	7,000		711.76	4,982,320	March-May
3	CSQ	6,000		750.45	4,502,700	March-May
4	CSQ	4,229 <sup>a/</sup>		739.53	3,127,472	July
5	GQ	6,000		762.40	4,574,400	May-July
6	CSQ	9,062		791.68	7,174,204	July
7	GQ	6,000		787.28	4,723,680	July
8	CSQ		8,650	703.99	6,089,514	August
9	GQ		8,664	712.63	6,174,226	August
10	GQ	6,000		795.24	4,771,440	September
11	CSQ	9,000		797.24	7,175,160	September
12	GQ		11,111	711.98	7,910,810	August
13	GQ		9,000	686.21	6,175,890	October
14	GQ	2,000 <sup>a/</sup>		760.43	1,520,860	October
15	GQ		15,000	731.12	10,966,800	December
16	GQ	5,126		734.70	3,766,072	December
total		<b>67,417</b>	<b>52,425<sup>b/</sup></b>		<b>88,787,548</b>	

Source: Korea Agro-Fisheries and Food Trade Corporation (aT), totaling 114,600 MT in milled basis or 29.5 percent of total 2013 MMA.

a/ USDA #3

b/ equivalent to 47,183 MT, milled basis

1/ under ongoing process of buying tenders since late December 2012

Korea: 2013 MMA Rice Tender Results (Metric Ton, as of October 18, 2013)									
Quota Type	Bid Date (mm-dd-yy)	Rice Type	Quota Volume	Quota Volume	Origin	Final Bid Price US\$/MT	Delivery date in 2012	Local	Supplier
			(Contract Basis)	(Milled Rice Basis)				Agent	
CSQ	2013-01-08	MG#1 Milled	7,000	7,000	USA	736 CIF	May	Seo-Mok	ADM
CSQ	2012-12-27	MG#1 Milled	7,000	7,000	USA	711.76 CIF	May	Daewoo	FRC
CSQ	2012-12-27	MG#1 Milled	6,000	6,000	USA	750.45 CIF	May	sing-song	ACC
Global	2013-02-05	MG #3 Brown (Indica)	16,333	14,700	India	557 CIP	June	sing-song	sing-song
Global	2013-02-21	MG #3 Brown	9,000	8,100	Australia	660.41 CIP	June	D&B	Sun Rice
CSQ	2013-02-21	MG#3 Milled	4,229	4,229	USA	739.53 CIF	July	GS Global	SunValley
Global	2013-04-03	SG #3 Brown	10,000	9,000	China	859 CIP	July	Daewoo	COFCO
CSQ	2013-04-03	LG #3 Brown	15,556	14,000	Thailand	602.26 CIP	June	LG	Chaiyaporn
Global	2013-03-12	MG or SG #3 Brown (Indica)	17,000	15,300	India	517 CIP	July	Samsung	
Global	2013-03-12	MG or SG #1 Milled	6,000	6,000	USA	762.4 CIF	July	sing-song	ACC
CSQ	2013-04-09	MG#1 Milled	9,062	9,062	USA	791.68 CIF	July	Daewoo	FRC
Global	2013-04-09	MG or SG #1 Milled	6,000	6,000	USA	787.28 CIF	July	Seo-Mok	ADM
CSQ	2013-04-30	MG #3 Brown	8,650	7,785	USA	703.99 CIP	August	sing-song	ACC
Global	2013-04-30	MG #3 Brown	8,664	7,798	USA	712.63 CIP	August	Seo-Mok	ADM
Global	2013-04-30	MG or SG #1 Milled	6,000	6,000	USA	795.24 CIF	September	Seo-Mok	ADM
CSQ	2013-04-30	MG#1 Milled	9,000	9,000	USA	797.24 CIF	September	Seo-Mok	ADM
Global	2013-05-07	MG or SG #3 Brown (Japonica)	11,111	10,000	USA	711.98 CIP	August	LG	FRC
CSQ	2013-05-07	SG #3 Milled	13,942	13,942	China	918 CIP	October	Daewoo	COFCO
CSQ	2013-06-14	SG #3 Brown	19,000	17,100	China	864 CIP	September	sing-song	Jilin Grain

CSQ	2013-06-14	SG #3 Brown	19,319	17,387	China	867 CIP	October	Daewoo	COFCO
CSQ	2013-06-14	SG #3 Brown	12,000	10,800	China	867 CIP	August	Daewoo	COFCO
CSQ	2013-06-14	SG #3 Brown	10,000	9,000	China	864.4 CIP	November	sing-song	Jilin Grain
CSQ	2013-06-14	SG #3 Brown	17,700	15,930	China	865 CIP	December	sing-song	Jilin Grain
Global	2013-06-27	MG #3 Brown (Japonica)	9,000	8,100	USA	686.21 CIP	October	sing-song	ACC
Global	2013-06-27	MG or SG #3 Milled Sweet Rice	3,000	3,000	Vietnam	1017.6 CIF	October	sing-song	sing-song HK
Global	2013-06-27	MG or SG #3 Milled	2,000	2,000	USA	760.43 CIF	October	sing-song	ACC
CSQ	2013-06-27	LG#1 Milled	3,056	3,056	Thailand	636.28 CIF	December	KT Corporation	Siam Grain
CSQ	2013-06-27	LG#1 Milled (Hom Mali/Indica)	90	90	Thailand	1298.69 CIF	December	Daewoo	Capital Rice
Global	2013-07-31	SG #3 Brown	10,000	9,000	China	867 CIP	October	Daewoo	COFCO
Global	2013-07-31	SG #3 Brown	5,492	4,943	China	865.6 CIP	November	sing-song	Jilin Grain
Global	2013-07-31	SG #3 Brown	5,808	5,227	China	877 CIP	October	Daewoo	COFCO
Global	2013-07-31	SG #3 Brown	7,900	7,110	China	877 CIP	November	Daewoo	COFCO
Global	2013-07-31	SG #3 Brown	12,608	11,347	Australia	845.88 CIP	December	D&B	Sun Rice
Global	2013-07-31	MG #3 Brown (Japonica)	15,000	13,500	USA	731.12 CIP	December	Seo-Mok	ADM
CSQ	2013-07-31	LG #3 Brown	14,241	12,817	Thailand	531.83 CIP	October	Daewoo	Capital Rice
CSQ	2013-07-31	SG #1 Milled	15,000	15,000	China	928 CIF	November	Daewoo	COFCO
CSQ	2013-07-31	SG #1 Milled	12,565	12,565	China	928 CIF	November	Daewoo	COFCO
CSQ	2013-07-31	SG #3 Milled	4,435	4,435	China	918 CIF	November	sing-song	Jilin Grain
CSQ	2013-07-31	MG #3 Brown (Japonica)	4,338	3,904	Australia	690 CIP	December	D&B	Sun Rice
Global	2013-10-15	MG or SG #1 Milled	5,126	5,126	USA	734.70 CIF	December	sing-song	ACC
		Total		352,353					

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

#### Auctions:

aT sells table rice shipments through a public auction system, while the Ministry of Agriculture, Food and Rural Affairs (MAFRA) distributes processing rice to end-users such as food processors and alcoholic beverage producers at a set price throughout the year.

In response to more favorable consumer confidence in U.S. medium grain milled rice, aT has continued selling U.S. medium grain rice for both #1 and #3 grades under the 2013 MMA quota contracted to deliver from March through December 2013.

The progress of auctioning for other origins has been comparably slow. Auctions for Chinese milled rice are still pending under the 2012 MMA with Thai milled rice recently completing its auctioning off under the 2011 MMA, respectively.

Korea: Status of Rice Auction for Table Rice under 2013 CSQ (Unit: metric tons, milled basis, as of October 11, 2013)					
Commodity	USDA Grade	Total Table Rice CSQ	Auctioned Off	Balance	Percentage Auctioned Off (%)
U.S. Medium Grain	#1	61,188	16,463	44,725	27
	#3	6,229	1,494	4,735	24
Chinese Short Grain	#1	27,565	0	27,565	na
	#3	18,377	0	18,377	na
Thai Long Grain	#1	3,146	0	3,146	na
<b>Total</b>		116,505	17,957	98,548	15

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

Korea: Status of Rice Auction for Table Rice under 2012 CSQ (Unit: metric tons, milled basis, as of October 11, 2013)					
Commodity	USDA Grade	Total Table Rice CSQ	Auctioned Off	Balance	Percentage Auctioned Off (%)
U.S. Medium Grain	#1	36,050	36,050	0	100 (as of May 3, 2013)
	#3	4,006	3,997	9	100 (as of Jan. 9, 2013)
Chinese Short Grain	#1	37,492	37,492	0	100 (as of Sep. 9, 2013)
	#3	24,995	20,028	4,967	80

Thai Long Grain	#1	3,000	None	0	Na
Australian Medium Grain	#1	2,429	947	1,482	39
	#3	2,429	40	2,389	2
<b>Total</b>		<b>110,401</b>	<b>98,554</b>	<b>11,847</b>	<b>89</b>

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

<b>Korea: Status of Rice Auction for Table Rice under 2011 CSQ</b> (Unit: metric tons, milled basis, as of October 8, 2013)					
Commodity	USDA Grade	Total Table Rice CSQ	Auctioned Off	Balance	Percentage Auctioned Off (%)
U.S. Medium Grain	#1	29,315	29,315	0	100 (as of Aug. 13, 2012)
	#3	2,747	2,747	2	100 (as of Aug. 3, 2012)
Chinese Short Grain	#1	40,281	40,281	0	100 (as of Jan 9, 2013)
	#3	26,854	26,854	0	100 (as of Jan 9, 2013)
Thai Long Grain	#1	2,100	2,100	0	100 (as of May 2, 2013)
	#3	3,000	3,000	0	100 (as of October 8, 2013)
<b>Total</b>		<b>104,297</b>	<b>104,297</b>	<b>0</b>	<b>100</b>

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

<b>Korea: Auctioned-Off Prices of Imported Table Rice</b> (Unit: Korean Won per Kg on Average)							
Auctioning-off Period	U.S. Medium Grain		Chinese Short Grain (Medium Grain)		Thai Long Grain	Australian Medium Grain	
	#1	#3	#1	#3	#1	#1	#3
April-September 2006 (2005 MMA)	1,138	991	1,274	1,133	555	none	none
March-August 2007 (2006 MMA)	1,363	1,211	1,357	1,303	953	none	none
February-August 2008 (2007 MMA)	1,542	1,510	1,487	1,558	1,132	none	none
February 2009 -May 2010 (2008 MMA)	1,160	994	1,125 (1,100)	none	1,329	none	none
February 2010-March 2011 (2009 MMA)	970	881	914 (850)	893	672	none	none
April 2011-January 2012 (2010 MMA)	913	1,074 <sup>a/</sup>	707	612	518	none	none
December 2011- October 8, 2013 (2011 MMA)	1,258	1,452	1,297	1,501	(802 <sup>c/</sup> ) 944	none	none
August 2012- October 11, 2013 (2012 MMA)	1,677	1,634	1,378 <sup>b/</sup>	1,320 <sup>b/</sup>	na	1,410 <sup>b/</sup>	1,274 <sup>b/</sup>
July 1- October 11, 2013 (2013 MMA)	1,541 <sup>b/</sup>	1,416 <sup>b/</sup>	na	na	na	none	none

Source: Korea Agro-Fisheries and Food Trade Corporation (aT)

a/ Auctioned-off during October-December 2011

b/ ongoing

c/ #3

## Production, Supply and Demand Data Statistics:

# Rice PS&D

Rice, Milled Republic of Korea,	2011/2012		2012/2013		2013/2014		
	Market Year Begin: Nov 2011		Market Year Begin: Nov 2012		Market Year Begin: May 2013		
	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post	
Area Harvested	854	854	849	849	833	833	(1000 HA)
Beginning Stocks	1,034	1,034	730	730	722	722	(1000 MT)
Milled Production	4,224	4,224	4,006	4,006	4,168	4,240	(1000 MT)
Rough Production	5,616	5,616	5,405	5,405	5,623	5,720	(1000 MT)
Milling Rate (.9999)	7,522	7,522	7,412	7,412	7,412	7,412	(1000 MT)
MY Imports	380	380	600	600	410	410	(1000 MT)
TY Imports	238	238	640	640	410	410	(1000 MT)
TY Imp. from U.S.	70	63	0	200	0	140	(1000 MT)
Total Supply	5,638	5,638	5,336	5,336	5,300	5,372	(1000 MT)
MY Exports	3	3	2	2	2	2	(1000 MT)
TY Exports	2	2	2	2	2	2	(1000 MT)
Consumption and Residual	4,905	4,905	4,612	4,612	4,497	4,497	(1000 MT)
Ending Stocks	730	730	722	722	801	873	(1000 MT)
Total Distribution	5,638	5,638	5,336	5,336	5,300	5,372	(1000 MT)
Yield (Rough)	7.	6.5761	6.	6.3663	7.	6.7853	(MT/HA)
TS=TD		0		0		0	

## Appendix

Korea: Allocation of the MMA for 2005-2014 (MT, Milled rice)							
Calendar Year	Total	Global Quota	Country Specific Quota (CSQs)				
			Total	USA	China	Thailand	Australia
2005	225,575	20,347	205,228	50,076	116,159	29,963	9,030
2006	245,922	49,724	196,198	50,076	116,159	29,963	a/
2007	266,270	70,072	196,198	50,076	116,159	29,963	a/
2008	286,617	90,419	196,198	50,076	116,159	29,963	a/
2009	306,964	110,766	196,198	50,076	116,159	29,963	a/
2010	327,311	135,613	191,698	45,576 <sup>b/</sup>	116,159	29,963	a/
2011	347,658	151,460	196,198	50,076	116,159	29,963	a/
2012	368,006	216,450	151,556	50,076	62,487 <sup>c/</sup>	29,963	9,030
2013	388,353	188,251	200,102	50,076	116,159	29,963	3,904 <sup>d/</sup>
2014	408,700	203,472	205,228	50,076	116,159	29,963	9,030

Source: MAFRA and Korea Agro-Fisheries and Food Trade Corporation (aT)

a/ Australia CSQ allocation converted to MFN due inability to fulfill quota.

b/ of them, 4,500 MT were converted to global quota from CSQ that got through three times of unsuccessful trials in biddings.

c/ of them, 53,672 MT were converted to global quota from CSQ that got through three times of unsuccessful trials in biddings.

d/ of them, 5,126 MT were converted to global quota from CSQ that got through three times of unsuccessful trials in biddings

Korea: Global Quota Allocation per Country on the Buying Tender (Milled basis, MT, as of October 18, 2013)						
Calendar Year	MMA Quota	U.S.A.	China	Thailand	Australia	Others
2005	20,347	6,104	11,191	3,052	0	0
2006	49,724	13,025	23,080	13,619	0	0
2007	70,072	21,643	32,352	16,077	0	0
2008	90,419	19,534	35,126	35,759	0	0
2009	110,766	31,270	43,629	30,347	0	5,520 <sup>a/</sup>

2010	135,613	48,143	42,411	40,347	0	4,712 <sup>a/</sup>
2011	151,460	51,414	44,911	20,694	0	34,441 <sup>b/</sup>
2012	216,450	50,825	103,583	0	0	62,042 <sup>c/</sup>
2013	188,251	64,524	35,280	0	19,447	69,000 <sup>d/</sup>
Total	1,033,102	306,482	371,563	159,895	19,447	175,715

Source: FAS/Seoul

d/ Pakistan

e/ Vietnam (19,441 MT) and Myanmar (15,000 MT)

f/ Vietnam (45,400 MT), India (11,642 MT) and Myanmar (5,000MT)

d/ Vietnam (3,000MT), India (30,000MT) and Open for bidding (36,000MT)

Korea: Import Schedule of Table Rice (MT, Milled Rice)			
Calendar Year	Total	Table Purpose	Rate of Table Rice (%)
2005	225,575	22,557	10
2006	245,922	34,429	14
2007	266,270	47,928	18
2008	286,617	63,055 <sup>a/</sup>	22
2009	306,964	79,810 <sup>b/</sup>	26
2010	327,311	98,193 <sup>c/</sup>	30
2011	347,658	104,297	30
2012	368,006	110,401	30
2013	388,353	116,505	30
2014	408,700	122,610	30

Source: Ministry for Agriculture, Food, and Rural Affairs (MAFRA)

a/ Of them, 24,934MT of Chinese rice was diverted to alcohol processing purpose in CY2010

b/ Of them, 33,303 MT of Chinese rice and 1,500 MT of Thai rice were diverted to alcohol processing purpose in CY2011

c/ Of them, 5,671MT of Chinese rice were diverted to alcohol processing purpose in CY2012.

Korea: Rice Allocation per Country on the Buying Tender under MMA (Milled basis, MT)						
Calendar Year	MMA Quota	U.S.A.	China	Thailand	Australia	Others
1995	51,307	0	0	0	0	51,307 <sup>b/</sup>
1996	64,134	0	64,134	0	0	0
1997	76,961	0	58,961	18,000	0	0
1998	89,787	0	83,487	6,300	0	0
1999	102,614	0	80,114	13,500	0	9,000 <sup>c/</sup>
2000	102,614	0	84,614	18,000	0	0
2001	128,268	27,000	63,000	18,000	20,268	0
2002	153,921	36,000	95,421	22,500	0	0
2003	179,575	49,500	103,075	27,000	0	0
2004	205,228	58,500	117,028	29,700	0	0
2005	225,575	56,179	127,351	33,015	9,030	0
2006	245,922	63,101	145,343	37,478	0	0
2007	266,270	71,719	148,511	46,040 <sup>a/</sup>	0	0
2008	286,617	69,610	151,285	65,722	0	0
2009	306,964	81,346	159,788	60,310	0	5,520 <sup>d/</sup>
2010	327,311	93,719	158,570	70,310	0	4,712 <sup>d/</sup>
2011	347,658	101,490	161,070	50,657	0	34,441 <sup>e/</sup>
2012	368,006	100,901	166,070	29,963	9,030	62,042 <sup>f/</sup>
2013	388,353	114,600	151,439	29,963	23,351	69,000 <sup>g/</sup>
Total	3,917,085	923,665	2,119,261	576,458	61,679	236,022

Source: FAS/Seoul

a/ Thai suppliers delivered only 8,470 MT of the total contracted amount due to agflation

b/ India

c/ Vietnam

d/ Pakistan

e/ Vietnam (19,441 MT) and Myanmar (15,000 MT)

f/ Vietnam (45,400 MT), India (11,642 MT) and Myanmar (5,000MT)

g/ Vietnam (3,000MT), India (30,000MT) and Open for bidding (36,000MT)

<b>Korea: Monthly Wholesale Price of Milled Rice</b> (High Quality)						
Month\Year	CY 2011		CY 2012		CY 2013	
	Won/Kg	US\$/Kg	Won/Kg	US\$/Kg	Won/Kg	US\$/Kg
January	1,764	1.58	2,090	1.83	2,200	2.07
February	1,794	1.60	2,099	1.87	2,200	2.03
March	1,873	1.67	2,100	1.87	2,204	2.00
April	1,938	1.79	2,100	1.85	2,210	1.97
May	1,950	1.80	2,100	1.82	2,213	2.00
June	1,950	1.81	2,100	1.80	2,220	1.96
July	1,950	1.84	2,100	1.84	2,220	1.97
August	1,950	1.82	2,098	1.85	2,220	1.99
September	1,950	1.74	2,090	1.86	2,220	2.05
October	2,022	1.74	2,113	1.91	2,225 <sup>a/</sup>	2.07 <sup>a/</sup>
November	2,051	1.76	2,195	2.02	Na	Na
December	2,076	1.81	2,200	2.04	Na	Na
<b>Average</b>	<b>1,939</b>	<b>1.75</b>	<b>2,115</b>	<b>1.88</b>	<b>Na</b>	<b>Na</b>

Source: Korea Agricultural Marketing Information Service (KAMIS)

Note: Monthly Average Exchange Rate is applied.

a/ Weighted average for October 1-11, 2013

<b>Korea: Monthly Retail Price of Milled Rice</b> (High Quality)						
Month\Year	CY 2011		CY 2012		CY 2013	
	Won/Kg	US\$/Kg	Won/Kg	US\$/Kg	Won/Kg	US\$/Kg
January	2,064	1.84	2,194	1.92	2,311	2.17
February	2,098	1.87	2,202	1.96	2,325	2.14
March	2,138	1.91	2,195	1.95	2,329	2.12
April	2,217	2.04	2,200	1.94	2,341	2.09
May	2,235	2.06	2,203	1.91	2,331	2.10
June	2,254	2.09	2,188	1.88	2,340	2.06
July	2,234	2.11	2,172	1.90	2,334	2.07
August	2,203	2.05	2,173	1.92	2,341	2.10
September	2,201	1.97	2,179	1.94	2,340	2.16
October	2,234	1.94	2,242	2.03	2,350 <sup>a/</sup>	2.19 <sup>a/</sup>
November	2,214	1.96	2,316	2.13	Na	Na
December	2,190	1.91	2,311	2.15	Na	Na
<b>Average</b>	<b>2,190</b>	<b>1.98</b>	<b>2,214</b>	<b>1.96</b>	<b>Na</b>	<b>Na</b>

Source: Korea Agricultural Marketing Information Service (KAMIS)

Note: Monthly Average Exchange Rate is applied.

a/ Weighted average for October 1-11, 2013

<b>Korea: Foreign Exchange Rate</b> (Korean Won against US\$)
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Month	CY 2011	CY 2012	CY 2013
January	1,119	1,144	1,065
February	1,119	1,123	1,086
March	1,120	1,126	1,102
April	1,085	1,135	1,121
May	1,083	1,154	1,109
June	1,080	1,164	1,135
July	1,058	1,143	1,126
August	1,073	1,131	1,116
September	1,120	1,124	1,084
October	1,152	1,106	1,073 <sup>a/</sup>
November	1,131	1,087	na
December	1,147	1,076	na
<b>Average</b>	<b>1,107</b>	<b>1,127</b>	<b>na</b>

Source: Global Financial Service

a/ an average for October 1-8, 2013